

|   |   |   |      |   |                 |                          |  |
|---|---|---|------|---|-----------------|--------------------------|--|
| <b>THIS IS NOT AN ORDER - THIS IS A REQUEST FOR FAX BIDS ONLY</b>   |   |   |      | <p align="center"><b>***** FAX QUOTE *****</b></p> <p align="center"><b>RETURN BY FAX TO:</b><br/> <b>225-379-1862 or 225-379-1481</b></p> <p align="center"><b>ATTN: CHARLOTTE GARRISON</b><br/> <b>PHONE: (225)379-1462</b></p> |                 |                          |  |
| P.R. NO: 200605   |   | DELTIVERY POINT:<br><br>DEPT. OF TRANSPORTATION AND DEVELOPMENT<br>ROBERT H. HENNIGAN, DIST. ADM.<br>TO BE DELIVERD TO VARIOUS ROUTES<br>WITHIN<br>CALCASIEU PARISH |      |   |                 |                          |  |
| Date of Request<br>Or Date Publishing: 04/19/06   |   |   |      |   |                 |                          |  |
| Date Bid Due: 04/27/06  |   |   |      |   |                 |                          |  |
| Time Bid Due: 2:00 P.M.   |   |   |      |   |                 |                          |  |
| Time of Opening: 2:00 P.M.  |   |   |      |   |                 |                          |  |
| STOCK<br>NUMBER   | DESCRIPTION   | QUANTITY  | U.M. | UNIT<br>PRICE   | TOTAL<br>AMOUNT | BRAND NAME<br>AND NUMBER |  |
|   | CONCRETE, READY-MIXED, DOTD SPEC. MS 189-001, 11/86 |   |      |   |                 |                          |  |
| 24-16-9895  | SEVEN SACK MIX, CLASS A, FOR PATCHING ONLY          | 200   | CY   |   |                 |                          |  |
| <p>-----</p> <p>THIS IS A REQUEST FOR FAX QUOTATION. PLEASE<br/> RETURN YOUR BID BY FAX TO: 225-379-1862 OR<br/> 225-379-1481 BEFORE THE DATE/TIME SPECIFIED ON BID</p> <p>-----</p> <p>MATERIAL TO BE APPROVED BY THE DEPARTMENT AT<br/> VENDOR STOCKPILE.</p> <p>-----</p> <p>SUBJECT TO LABORATORY TEST BEFORE FINAL<br/> ACCEPTANCE.</p> <p>-----</p> <p>LOW BIDDER MAY BE REQUIRED TO FURNISH SAMPLES FOR<br/> TESTING AT NO COST TO THE DEPARTMENT.</p> <p>-----</p> <p>MUST BID IN CORRECT UNIT OF MEASURE SHOWN TO BE<br/> CONSIDERED FOR AWARD. QUOTE SUBMITTED IN ANY<br/> OTHER UNIT OF MEASURE WILL NOT BE CONSIDERED.</p> <p>-----</p> <p>MUST BE SOURCE/PRODUCT ON QPL NO. 7<br/> PRIOR TO BID OPENING TO BE CONSIDERED FOR AWARD.</p> <p>-----</p> <p>***SOURCE/PRODUCT CODE: _____</p> <p>-----</p> <p>THIS IS NOT AN ORDER TO DELIVER. THE ABOVE<br/> QUANTITY IS ESTIMATED USAGE ONLY. NO QUANTITIES<br/> ARE GUARANTEED. MATERIAL WILL BE ORDERED AS<br/> NEEDED.</p> <p>-----</p> <p>THE DEPARTMENT RESERVES THE RIGHT TO INCREASE OR<br/> DECREASE QUANTITIES AT THE SAME PRICE, TERMS AND<br/> CONDITIONS FOR THE PERIOD OF THE CONTRACT<br/> BEGINNING JULY 1, 2006 AND ENDING JUNE 30, 2007.</p> <p>-----</p> <p>ANY OR ALL ITEM(S) ON THIS CONTRACT MAY BE<br/> CANCELLED WITH THIRTY DAYS WRITTEN NOTICE FROM<br/> AGENCY.</p> <p>-----</p> |   |   |      |   |                 |                          |  |
| If you need additional information, please<br>call: <b>CHARLOTTE GARRISON</b> (225)379-1462   |   | <b>SEE ATTACHMENT FOR SPECIAL, CONDITIONS, INSTRUCTIONS AND DEFINITIONS.<br/>FAILURE TO COMPLY WITH SAME MAY DISQUALIFY YOUR BID OR QUOTATION</b>                   |      |   |                 |                          |  |
| FIRM:   |   | MAILING ADDRESS:  |      |   |                 |                          |  |
| BY: (signature)   |   | City:   |      | State:  |                 | Zip:                     |  |
| BY: (PRINT OR TYPE NAME)  |   | REMITTANCE TO BE MADE TO ADDRESS OTHER THAN ABOVE:  |      |   |                 |                          |  |
| PHONE #:  |   | Street/Box _____ City _____ State _____ Zip _____   |      |   |                 |                          |  |
| FED. ID. NUMBER:  |   | Vendor FAX Number:<br>Email Address:  |      |   |                 |                          |  |

|  |  |  |             |                   |                     |   |  |
|--|--|--|-------------|-------------------|---------------------|---|--|
| <b>THIS IS NOT AN ORDER - THIS IS A REQUEST FOR FAX BIDS ONLY</b>                        |  |  |             |                   |                     |   |  |
| <b>P.R. NO: 200605</b><br>Date of Request<br>Or Date Publishing: <b>04/19/06</b>         |  | <b>DELIVERY POINT:</b><br><br><b>DEPT. OF TRANSPORTATION AND DEVELOPMENT</b><br><b>ROBERT H. HENNIGAN, DIST. ADM.</b><br><b>TO BE DELIVERD TO VARIOUS ROUTES</b><br><b>WITHIN</b><br><b>CALCASIEU PARISH</b> |             |                   |                     | <b>***** FAX QUOTE *****</b><br><br><b>RETURN BY FAX TO:</b><br><b>225-379-1862 or 225-379-1481</b><br><br><b>ATTN: CHARLOTTE GARRISON</b><br><b>PHONE: (225)379-1462</b> |  |
| <b>Date Bid Due: 04/27/06</b>  |  |  |             |                   |                     |   |  |
| <b>Time Bid Due: 2:00 P.M.</b>   |  |  |             |                   |                     |   |  |
| <b>Time of Opening: 2:00 P.M.</b>  |  |  |             |                   |                     |   |  |
| <b>STOCK NUMBER</b>  | <b>DESCRIPTION</b>   | <b>QUANTITY</b>  | <b>U.M.</b> | <b>UNIT PRICE</b> | <b>TOTAL AMOUNT</b> | <b>BRAND NAME AND NUMBER</b>  |  |
|  | <p>PRICE MUST BE FIRM. PURCHASE ORDER MAY NOT BE ISSUED UNTIL AFTER BUDGET HAS BEEN LOADED IN MID-JULY, 2006.</p> <p>-----</p> <p>NOTE: COPIES OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES BOOK, 2000 EDITION, MAY BE OBTAINED FOR A COST OF \$10.00 FROM THE FOLLOWING: LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT HEADQUARTERS ADMINISTRATION BUILDING - ROOM 100 1201 CAPITOL ACCESS ROAD, BATON ROUGE, LA 70802 MAIL ORDERS SHOULD BE SENT TO: LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT GENERAL FILES UNIT, P. O. BOX 94245, BATON ROUGE, LA 70804-9245. GENERAL FILES MAY BE REACHED AT 225-379-1107. THIS INFORMATION MAY ALSO BE DOWNLOADED FROM THE FOLLOWING WEBSITE: WWW.DOTD.LOUISIANA.GOV PUBLICATIONS/MANUALS 2000 STANDARD SPECIFICATIONS</p> <p>-----</p> <p>IN ACCORDANCE WITH LOUISIANA R.S. 39:1595, A PREFERENCE OF 10% MAY BE ALLOWED FOR PRODUCTS MANUFACTURED, PRODUCED, GROWN, ASSEMBLED OR HARVESTED IN LOUISIANA OF EQUAL QUALITY. DO YOU CLAIM THIS 10% PREFERENCE: YES:_____ NO:_____ SPECIFY LOCATION IN LOUISIANA:_____ SPECIFY ITEM NUMBER:_____ NOTE:LOUISIANA VENDORS CLAIMING THIS PREFERENCE SHOULD ALSO CERTIFY THAT 50% OF THEIR WORKFORCE IS COMPRISED OF LOUISIANA RESIDENTS IN ORDER TO BE ENTITLED TO THE 10% PREFERENCE. LOUISIANA VENDORS SHOULD COMPLETE THE FOLLOWING CERTIFICATE: THIS IS TO CERTIFY THAT 50% OF WORKFORCE IS COMPRISED OF LOUISIANA RESIDENTS: YES:_____ NO:_____ (PROOF OF CERTIFICATION MAY BE REQUIRED)</p> <p>-----</p> <p>TERMS:_____ DELIVERY:_____</p> <p>-----</p> <p>DUE TO FISCAL YEAR CONSTRAINTS, FUNDING MAY BE UNAVAILABLE FOR PAYMENT FOR ITEMS NOT DELIVERED BY JUNE 30, 2006. IF DELIVERY CANNOT BE MADE IN ACCORDANCE WITH THE ORDER, VENDOR MUST NOTIFY THE PROCUREMENT SECTION OF THE INABILITY TO SUPPLY.</p> <p>-----</p> <p>THE DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT RESERVES THE RIGHT TO REJECT BIDS THAT CANNOT MAKE</p> |  |             |                   |                     |   |  |
| If you need additional information, please call: <b>CHARLOTTE GARRISON</b> (225)379-1462 |  | <b>SEE ATTACHMENT FOR SPECIAL, CONDITIONS, INSTRUCTIONS AND DEFINITIONS. FAILURE TO COMPLY WITH SAME MAY DISQUALIFY YOUR BID OR QUOTATION</b>  |             |                   |                     |   |  |
| <b>FIRM:</b>   |  | <b>MAILING ADDRESS:</b>  |             |                   |                     |   |  |
| BY: (signature)  |  | City:  |             | State:            |                     | Zip:  |  |
| BY: (PRINT OR TYPE NAME)   |  | REMITTANCE TO BE MADE TO ADDRESS OTHER THAN ABOVE:   |             |                   |                     |   |  |
| PHONE #:   |  | Street/Box _____ City _____ State _____ Zip _____  |             |                   |                     |   |  |
| <b>FED. ID. NUMBER:</b>  |  | Vendor FAX Number:<br><b>Email Address:</b>  |             |                   |                     |   |  |

|   |                                     |  |  |   |      |               |                 |                          |
|---|-------------------------------------|--|--|---|------|---------------|-----------------|--------------------------|
| <b>THIS IS NOT AN ORDER - THIS IS A REQUEST FOR FAX BIDS ONLY</b>                           |                                     |  |  | <p align="center"><b>***** FAX QUOTE *****</b></p> <p align="center"><b>RETURN BY FAX TO:</b><br/> <b>225-379-1862 or 225-379-1481</b></p> <p align="center"><b>ATTN: CHARLOTTE GARRISON</b><br/> <b>PHONE: (225)379-1462</b></p> |      |               |                 |                          |
| <b>P.R. NO: 200605</b>  |                                     | <p align="center">DELIVERY POINT:</p> <p align="center"><b>DEPT. OF TRANSPORTATION AND DEVELOPMENT</b><br/> <b>ROBERT H. HENNIGAN, DIST. ADM.</b><br/> <b>TO BE DELIVERD TO VARIOUS ROUTES</b><br/> <b>WITHIN</b><br/> <b>CALCASIEU PARISH</b></p> |  |   |      |               |                 |                          |
| Date of Request<br>Or Date Publishing: <b>04/19/06</b>                                      |                                     |  |  |   |      |               |                 |                          |
| Date Bid Due: <b>04/27/06</b>   |                                     |  |  |   |      |               |                 |                          |
| Time Bid Due: <b>2:00 P.M.</b>  |                                     |  |  |   |      |               |                 |                          |
| Time of Opening: <b>2:00 P.M.</b>   |                                     |  |  |   |      |               |                 |                          |
| STOCK<br>NUMBER   | DESCRIPTION                         |  |  | QUANTITY  | U.M. | UNIT<br>PRICE | TOTAL<br>AMOUNT | BRAND NAME<br>AND NUMBER |
|   | DELIVERY BY JUNE 30, 2006.<br>----- |  |  |   |      |               |                 |                          |
| If you need additional information, please<br>call: <b>CHARLOTTE GARRISON</b> (225)379-1462 |                                     |  |  | <b>SEE ATTACHMENT FOR SPECIAL, CONDITIONS, INSTRUCTIONS AND DEFINITIONS.</b><br><b>FAILURE TO COMPLY WITH SAME MAY DISQUALIFY YOUR BID OR QUOTATION</b>   |      |               |                 |                          |
| FIRM:   |                                     |  |  | MAILING ADDRESS:  |      |               |                 |                          |
| BY: (signature)   |                                     |  |  | City: State: Zip:   |      |               |                 |                          |
| BY: (PRINT OR TYPE NAME)  |                                     |  |  | REMITTANCE TO BE MADE TO ADDRESS OTHER THAN ABOVE:  |      |               |                 |                          |
| PHONE #:  |                                     |  |  | Street/Box _____ City _____ State _____ Zip _____   |      |               |                 |                          |
| FED. ID. NUMBER:  |                                     |  |  | Vendor FAX Number:<br>Email Address:  |      |               |                 |                          |

## INSTRUCTIONS FOR SUBMITTING FAX BIDS

1. Type or print in ink in blanks provided. Bids submitted in pencil will not be accepted.
2. Any corrections, erasures or other forms of alteration to unit price should be initialed by the bidder.
3. Bid must be as per specification(s) furnished.
4. Bidders must comply with all instructions shown in invitation to Bid. Failure to comply may result in rejection of bid.
5. Bid should be submitted in unit of measure as requested. Bids submitted in a different unit of measure may not be considered for award.
6. Unit price for each item must not exceed four digits to right of decimal point. Unit price submitted beyond four digits will be rounded off to nearest fourth digit.
7. Give complete information, attach letter if more space is needed.
8. Bids must be quoted on a firm basis for a thirty day period from bid opening date.
9. Bid must be net and include all handling charges and transportation charges fully prepaid to destination unless delivery point indicates otherwise. Bids containing "Payment in Advance" will be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
10. Bids must be submitted exclusive of all Federal and State Taxes unless specified otherwise in bid form. State Agencies are exempt from all State and Local Sales Taxes.
11. Complete column marked "Total Amount" which is computed by multiplying "Quantity" column by "Unit Price" column.
12. Indicate any discount in blank provided for "Terms". Cash discounts for less than thirty (30) days or less than one percent (1%) will be accepted, but will not be considered in determining low bidder.
13. In blank provided for "Delivery" indicate amount of time needed to complete delivery of entire order.
14. Signature of person completing bid must be submitted on each bid. A typed name without a signature WILL NOT be accepted.
15. Indicate Federal Identification Number or Social Security Number, whichever is applicable.
16. Fax bid to this fax number (225) 379-1862. Keep a copy of bid for your records. Bidders are hereby advised that the U.S. Postal Service does not make delivery to our physical location.

Bids may be mailed through the U.S. Postal Service to our box at:  
DOTD Procurement Section  
P. O. Box 94245, Capitol Station  
Room 304M, Headquarters  
Baton Rouge, LA 70804-9245

Bids may be delivered by hand or courier service to our physical location as follows:  
DOTD Procurement Section  
Room 304M, Headquarters  
1201 Capitol Access Road  
Baton Rouge, LA 70802.

Bidder is solely responsible for ensuring that it's courier service provider makes inside deliveries to our physical location. The DOTD Procurement Office is not responsible for any delays caused by the bidder's chosen means of bid delivery. Bidder is solely responsible for the timely delivery of its bid. Failure to meet the bid opening date and time shall result in rejection of the bid.

17. Bids must be submitted on D.O.T.D. bid form.
18. Deviations to the Department's Special Conditions and Specifications will not be allowed. Vendor's special conditions and terms which differ from the bid proposal will cause rejection of bid.
19. By signing the bid form, the bidder certifies that this bid is made without collusion or fraud.
20. In accordance with R.S. 39:1594 (Act 121), the person signing the bid must be: A current corporate officer, partnership member or other individual specifically authorized to submit a bid as reflected in the appropriate records on file with the Secretary of State; or An individual authorized to bind the vendor as reflected by an accompanying corporate resolution, certificate or affidavit; or An individual listed on the State of Louisiana Bidder's Application as authorized to execute bids.

Evidence of authority to submit the bid shall be required in accordance with R.S. 38:2212 (A)(1)(c) and/or R.S. 39:1594(C)(2)(d).

By signing the bid, the bidder certifies compliance with the above.

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
JOHNNY B. BRADBERRY, SECRETARY  
DANA D. WATLINGTON  
DOTD PROCUREMENT DIRECTOR  
STREET ADDRESS: 1201 CAPITOL ACCESS ROAD, ROOM 304M  
MAILING ADDRESS: P.O. BOX 94245, BATON ROUGE, LA 70804-9245

### SPECIAL INSTRUCTIONS & CONDITIONS

1. **PURPOSE AND INTENTION:** The purpose and intention of this invitation to bid is to establish a contract between the Department and the successful bidder(s) to furnish supplies, materials, equipment and/or services in accordance with requirements described herein.
2. **QUANTITIES:** No specific quantities are given or guaranteed on Contracts. Only such quantities are required by the Department during the contractual period will be ordered.
3. **BID DEADLINES:** All Sealed Bids will be received by the Department in Room 304M, Headquarters Administration Building, 1201 Capitol Access Road, Baton Rouge, Louisiana until **9:45 a.m.** on the same date as shown on bid form. **All bids must be time and date stamped in the Procurement Section or it will be considered late.** No bids will be accepted after this time. At 10:00 a.m. of the same day, they shall be publicly opened and read in Room 304M, Headquarters Administration Building.  
Request for Quotations must be received by **2:00 p.m.** on DATE BID DUE as shown on bid form. **All bids must be time and date stamped in the Procurement Section or it will be considered late.** Bids received after 2:00 p.m. will not be accepted.
4. **BID OPENING:** Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined within 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Department during normal working hours. Written bid tabulations will **not** be furnished.
5. **AWARD:** The Department reserves the right to award items separately, by groups or on overall low bid basis to the lowest responsible and responsive bidder meeting the requirements and criteria set forth in the Invitation to Bid, taking into consideration the best interest of the Department. Award will be made without discrimination on grounds of race, color, or national origin. Minority business enterprises will be afforded full opportunity to submit bids.
6. **TIE BIDS:** In state vendors shall be given preferences in the case of tie bids.
7. **CANCELLATION OF AWARD:** The Department reserves the right to cancel any contract, in accordance with purchasing rules and regulations, for cause, including but not limited to, the following: (1) Failure to deliver within the time specified in the contract; (2) Failure of the product or service to meet specifications, conform to sample quality or to be delivered in good condition; (3) Misrepresentation by the contractor; (4) Fraud, collusion, conspiracy or other unlawful means of obtaining any contract with the State; (5) Conflict of contract provisions with constitutional or statutory provisions of State or Federal Law; (6) Any other breach of contract. Should the contractor find that due to increase in price or product availability, order cannot be filled, he is to submit to the DOTD Procurement Director a request for cancellation stating the reason for the request.
8. **REJECTION OF BID: THE DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT RESERVES THE RIGHT TO REJECT ANY AND/OR ALL BIDS AND WAIVE ANY INFORMALITIES.**
9. **TAXES:** EFFECTIVE SEPTEMBER 11, 1991, PURSUANT TO ACT 1029 OF THE 1991 REGULAR SESSION OF THE LEGISLATURE, THE STATE AND ANY OF ITS AGENCIES, BOARDS OR COMMISSIONS ARE **EXEMPT** FROM THE LOUISIANA STATE SALES/USE TAXES.
10. **NEW PRODUCTS:** Unless specifically called for in the solicitation, all products for purchase must be new, never previously used, and the current model and/or packaging. No remanufactured, demonstrator, used or irregular product will be considered for purchase unless otherwise specified in the solicitation. The manufacturer's standard warranty will apply unless otherwise specified in the solicitation.
11. **BRANDS:** UNLESS OTHERWISE SPECIFIED IN THE SOLICITATION, ANY MANUFACTURER'S NAME, TRADE NAME, BRAND NAME, OR CATALOG NUMBER USED IN THE SPECIFICATION IS FOR THE PURPOSE OF DESCRIBING THE STANDARD OF QUALITY, PERFORMANCE, AND CHARACTERISTICS DESIRED AND IS NOT INTENDED TO LIMIT OR RESTRICT COMPETITION.
12. **ALTERNATE BIDS:** IF ITEM(S) DOES NOT FULLY COMPLY WITH SPECIFICATIONS (INCLUDING BRAND AND/OR PRODUCT NUMBER), BIDDER MUST STATE IN WHAT RESPECT ITEM(S) DEVIATE. FAILURE TO NOTE EXCEPTIONS ON THE BID FORM WILL NOT RELIEVE THE SUCCESSFUL BIDDER(S) FROM SUPPLYING THE ACTUAL PRODUCTS REQUESTED.
13. **DEFAULT OF CONTRACTOR:** Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the Department has determined the contractor to be in default, the State reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
14. **APPLICABLE LAW:** All contracts shall be construed in accordance with and governed by the laws of the State of Louisiana.
15. **SPECIAL ACCOMMODATION:** Any "Qualified Individual with a Disability" as defined by the Americans with Disabilities Act who has submitted a bid and desires to attend the bid opening, must notify this office in writing no later than seven (7) days prior to the bid opening date of their need for special accommodations. If the request cannot be reasonably provided, the individual will be informed prior to bid opening.
16. **INDEMNITY:** Contractor agrees, upon receipt of written notice of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify, and hold harmless, the State, its officers, its agents and its employees from and against all claims and actions for bodily injury, death or property damages caused by the fault of the contractor, its officers, its agents, or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents, or its employees. However, the contractor shall have no obligations as set forth above with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the State, its officers, its agents or its employees.
17. **EQUAL OPPORTUNITY CLAUSE:** The Department of Transportation and Development and the State of Louisiana is an equal opportunity employer and looks to its contractors, subcontractors, vendors and suppliers to take affirmative action to affect this commitment in its operations. By submitting and signing this bid, bidder certifies that he agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, Federal Rehabilitation Act of 1973, as amended, the Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, The Age Act of 1975, and bidder agrees to abide by the requirements of the Americans with Disabilities Act of 1990. Bidder agrees not to discriminate in its employment practices and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sex, national origin, veteran status, political affiliation, or disabilities. Any act of discrimination committed by bidder, or failure to comply with these statutory obligations when applicable shall be grounds for termination of any contract entered into as a result of this proposal. Bidder agrees to keep informed of and comply with all Federal, State, and local laws, ordinances and regulations which affect his employees or prospective employees.

Stock Number  
24-16-9885  
24-16-9895

MS Spec. 189-001  
Dated November 1986  
4 Pages

**LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
SPECIFICATIONS**

**READY-MIXED CONCRETE**

**DESCRIPTION:**

This material shall be concrete masonry composed of portland cement, fine aggregate, coarse aggregate and water, prepared in accordance with these specifications.

**EQUIPMENT:**

Ready-mixed concrete shall be either central-mixed or transit-mixed concrete, mixed in an approved mixer and transported in truck mixers, truck agitators, or in other approved vehicles, provided that haul units and delivery time are such that segregation is avoided and concrete of specified consistency is delivered at site.

**MATERIALS:**

(a) Portland Cement:

Portland cement shall be either Type I, I(B) or II cement and shall be from an approved source listed on Qualified Products List No. 7.

Different brands or types of cement, or the same brand or type of cement from different mills, shall not be mixed during use nor shall they be used alternately unless authorized by the Department.

Suitable means shall be provided for storing and protecting cement against dampness and contamination. Cement which has become partially set or which contains lumps of caked cement will be rejected. Cement from discarded or used bags shall not be used.

(b) Water:

Water shall conform to Subsection 1018.01 of the Standard Specifications.

(c) Fine Aggregate:

Fine aggregate shall conform to Subsection 1003.02.

(d) Coarse Aggregate:

Coarse aggregate shall be Grade A conforming to Subsection 1003.02.

**PROPORTIONING:**

(a) Cement and Aggregates:

The supplier shall vary, without charge, the ratio of fine to coarse aggregate as directed, but in no case shall it be varied so as to materially affect the unit volume of cement per unit volume of concrete as determined by the original proportions designed to obtain a cement factor of not less than the following.

| <u>Concrete Class</u> | <u>Min. Bags of Cement<br/>(94 Lb. Each) Per<br/>Cu. Yd. Of Concrete</u> |
|-----------------------|--|
| D                     | 5.0  |
| A                     | 6.0  |
| A (Patching)          | 7.0  |

(b) Water:

The amount of water per sack of cement, including free water in the aggregates, shall not exceed the quantity shown in the following table. Free water shall include all water entering the mix with the aggregate, except water absorbed by the aggregate.

| <u>Concrete Class</u> | <u>Max. Water Per Bag<br/>of Cement (Gallons)</u> |
|-----------------------|---|
| D                     | 6.6   |
| A                     | 6.0   |
| A (Patching)          | 5.1   |

**HANDLING, MEASURING AND BATCHING:**

(a) General:

Concrete materials shall be batched in the proportions set for the specific materials. Corrections necessitated by variations in the moisture content of materials or for similar reasons shall be made.

Coarse and fine aggregate shall be handled and measured separately by weighing. Cement shall be weighed using separate scales and hoppers with a device to indicate positively the complete discharge of the batch of cement.

Water may be measured either by volume or by weight. Water measuring equipment shall be accurate to  $\pm 1.0\%$  throughout the range of use. The equipment shall include an auxiliary tank from which the measuring tank shall be filled, so arranged that the accuracy of measurement will not be affected by pressure variations in the water supply line.

Aggregate weighing equipment shall be accurate to  $\pm 0.5\%$  throughout the range of use.

Scales shall be beam or springless dial type. A suitable device consisting of a graduated beam or dial shall be used to register at least the last 100 pounds of the aggregates required for the batch. Maximum graduation on scales shall be  $0.1\%$  of the rated scale capacity.

Concrete shall be batched and mixed in accordance with Section 901.

(b) Plant Inspection:

The Department's representatives shall have free entry at all times to parts of the plant that concern production of the concrete.

(c) Equipment:

Mixing equipment shall be capable of combining aggregates, cement and water within the specified time into a thoroughly mixed and uniform mass, and of discharging the mixture without segregation. Either the revolving drum type or the revolving blade type of mixer will be permitted. The mixer shall not permit leakage of any concrete ingredients.

(d) Mixing Water:

It will be permissible to add a minimum of 75% of the mixing water at the time the cement and aggregates are added at the batch plant and add the remaining mixing water, not exceeding the maximum water-cement ratio, within the 1-hour time limit, at the jobsite provided additional mixing is performed at the jobsite to insure thorough incorporation of the added water.

Concrete shall not be mixed or delivered in quantities of less than 1 cubic yard.

**CONSISTENCY:**

The composition of the combined mixture shall be such as to produce concrete of maximum density consistent with workability, containing no free water, with the specified cement content, and not more than the specified maximum volume of water.

The consistency of concrete shall be such as to have slumps within the range of 2" to 5" when tested in accordance with the latest DOTD TR-207.



The amount of water used shall be the minimum necessary to secure required workability of the concrete within the specified slump range.

### **COMPRESSIVE STRENGTH:**

The Class A or D concrete mix shall be designed to produce concrete which, when molded and cured in accordance with the latest DOTD TR-226 and tested as prescribed in the latest DOTD TR-230, shall show a minimum compressive strength as follows:

| <u>Concrete Class</u> | <u>Min. Compressive Strength (PSI)<br/>28 to 31 Days</u> |
|-----------------------|--|
| D                     | 3300   |
| A                     | 3800   |
| A (Patching)          | 4200   |

If the average compressive strength of test specimens is less than the specified minimum, a payment adjustment will be made as follows:

#### **Average Compressive Strength, PSI**

| <u>Class A Patching</u> | <u>Class A</u> | <u>Class D</u> | <u>% of Contract Unit Price</u> |
|-------------------------|----------------|----------------|---------------------------------|
| 4200 & Above            | 3800 & Above   | 3300 & Above   | 100                             |
| 3800 – 4199             | 3400 – 3799    | 3000 – 3299    | 98                              |
| 3200 – 3799             | 3000 – 3399    | 2500 – 2999    | 90                              |
| Below 3200              | Below 3000     | Below 2500     | 50 or Replace <sup>1</sup>      |

<sup>1</sup> At the option of the Department.

### **SAMPLING:**

Sampling will be in accordance with the Materials Sampling Manual.

State of Louisiana  
Department of Transportation and Development

Qualified Products List 7

**PORTLAND CEMENT, PORTLAND-POZZOLAN CEMENT, AND  
PORTLAND BLAST-FURNACE SLAG CEMENT**

| PRODUCT<br>SOURCE<br>CODE | TYPE                 | SOURCE   |
|---------------------------|----------------------|--|
| 0741                      | I<br>IB<br>II<br>III | Ash Grove Cement Company<br>4457 Highway 108<br>Foreman, AR 71836                        |
| 07AC                      | I                    | Asia Cement Corporation<br>66 Hsin-Hsing Hsin-Chen<br>Hualien, Taiwan R.O.C.             |
| 0736                      | I<br>IB              | Blue Circle, Inc.<br>(Roberta Plant)<br>P. O. Box 182<br>Calera, AL 35040                |
| 0791                      | I<br>IB<br>III       | Buzzi Unicem USA<br>(Selma Plant)<br>P. O. Box 1003<br>Festus, MO 63028                  |
| 0792                      | I<br>IB              | Buzzi Unicem USA<br>P. O. Box 520<br>Cape Girardeau, MO 63701                            |
| 0793                      | IS                   | Buzzi Unicem USA<br>14900 Intracoastal Drive<br>New Orleans, LA 70129                    |
| 0796                      | I                    | Buzzi Unicem USA<br>(Chattanooga Plant)<br>1201 Suck Creek Road<br>Chattanooga, TN 37405 |

| PRODUCT<br>SOURCE<br>CODE | TYPE     | SOURCE  |
|---------------------------|----------|---|
| 0797                      | I        | Buzzi Unicem USA<br>P. O. Box 68<br>Pryor, OK 74362   |
| 0788                      | I        | Cementos Lima S.A.<br>AV. Atocongo 2440<br>Villa Maria Del Triunfo<br>Lima 35, Peru                   |
| 0790                      | I<br>III | Cemex, Inc.<br>1617 Arcola Road<br>Demopolis, AL 36732  |
| 07AE                      | I        | Chia Hsin Jingyang Cement Co., Ltd.<br>Q1AOTOU Town<br>Jurong, Jiangsu China 212413                   |
| 0766                      | I<br>IB  | Cimentas Izmir Cimento Fabrikasi T.A.S.<br>Mahmudie Beldesi, PK 8<br>17600 Ezine<br>Canakkale, Turkey |
| 07AA                      | I        | Daewoo Cement (Shandong) Co., LTD<br>Sishu County, Jining City<br>Shandong Province, China            |
| 0798                      | I        | Heracles General Cement Co.<br>Heracles II Plant<br>Milaki Aliveriou, Evoia, Greece                   |
| 0753                      | I<br>IB  | Holcim (US) Inc.<br>Dundee Cement Division<br>P. O. Box 67<br>Clarksville, MO 63336                   |

| PRODUCT<br>SOURCE<br>CODE | TYPE                 | SOURCE  |
|---------------------------|----------------------|---|
| 0754                      | I<br>IB<br>IC<br>III | Holcim (US) Inc.<br>Dundee Cement Division<br>P. O. Box 649<br>Theodore, AL 36590     |
| 0756                      | I<br>IB              | Holcim (US) Inc.<br>14500 CR 1550<br>Ada, OK 74820                                    |
| 0758                      | I<br>IB<br>III       | Holcim (US) Inc.<br>United Cement Company<br>P. O. Box 185<br>Artesia, MS 39736       |
| 0751                      | I<br>IB              | Lafarge Corporation<br>Joppa Division<br>Rt. 1, Box 84A<br>Grand Chain, IL 62941      |
| 0772                      | I<br>IB              | Lafarge Corporation<br>(Davenport Plant)<br>P. O. Box 4049<br>Davenport, IA 52808     |
| 0759                      | III                  | Lehigh Portland Cement Company<br>800 2 <sup>nd</sup> Avenue, S.E.<br>Leeds, AL 35094 |
| 0757                      | I<br>IB              | North Texas Cement Company<br>P. O. Box 520<br>Midlothian, TX 76065                   |
| 07AD                      | I                    | Shandong Sunnsy Cement Group Co., LTD.<br>176 Jingshi Road<br>Jinan, Shandong China   |

| PRODUCT<br>SOURCE<br>CODE | TYPE                 | SOURCE   |
|---------------------------|----------------------|--|
| 07AF                      | I                    | Shanghai Conch Building Materials Co., Ltd.<br>North of Yanjiang Road<br>Zhangjiagang City<br>Jiangsu Province<br>China 200122 |
| 0795                      | I                    | Siam Cement Co., LTD<br>(Kaeng Khoi Plant)<br>33/1 Moo 3, Banpa, Kaeng Khoi<br>Saraburi 18110, Thailand                        |
| 0777                      | I                    | Ssangyong Cement Industrial Company, Ltd.<br>(Pukpyong Plant)<br>60 Songjung-dong, Donghae City<br>Kwangdon-Do, 240=130, Korea |
| 07AB                      | I                    | Tangshan Jidong Cement Company Limited<br>Linyin Road<br>Fengrun District 063031<br>Tangshan City, Hebei, China                |
| 0718                      | I<br>IB<br>IP<br>III | TXI<br>Cement Division<br>245 Ward Road<br>Midlothian, TX 76065  |
| 0734                      | I<br>IB              | TXI<br>(Hunter Plant)<br>7781 FMR 1102<br>New Braunfels, TX 78132-3412   |
| 0771                      | I<br>IB              | Titan Cement, S.A.<br>Kamari Plant Viotas<br>P. O. Box 18, GR-192 00<br>Eleusis, Greece  |
| 0779                      | I                    | Tong Yang Cement Corporation<br>(Sam Chok Plant)<br>Samchok City<br>Kangwon-do 245-150, Korea                                  |

**REFERENCE:**

1992 DOTD Standard Specifications, Subsections 901, 1001.01, and 1001.02 (Metric/English)  
DOTD Supplemental Specifications, Subsection 1001.04 (Metric/English)  
DOTD Special Provisions (3/97), Sections 901 and 1001 (Metric/English)

**NOTE:**

This is a listing of manufacturing plants approved to furnish portland, portland-pozzolan, and/or portland blast-furnace slag cement for Department projects. For approved foreign cement not listed herein, refer to the Non-QPL list, "*Cement - One-Time Shipments*". (See QPL Contact Persons.)

Portland, portland-pozzolan, and portland blast furnace slag cement shall conform to specification requirements and shall be preliminary source tested, certified and verification sampled in accordance with the Materials Sampling Manual and specifications.

**No information contained in this list is to be used for promotional purposes.**